

REFERENCES AND REVIEWS

(Continued from Page 27)

is presented. Surgical correction under direct vision using cardiopulmonary bypass permits accurate unhurried correction of these defects.

* * *

SYNERGISTIC ACTIVITY OF PENICILLIN AND ISONIAZID ON *Mycobacterium Fortuitum* IN VITRO—E. M. K. Viachulis and E. E. Vichner. *Dis. Chest*—Vol. 41:553 (May) 1962.

Penicillin acts synergistically with isoniazid against *M. fortuitum* and concentrations of each drug are therapeutically attainable. Synergistic effect was increased as penicillin concentration increased for a constant isoniazid concentration. Penicillin acts synergistically with isoniazid to prevent reduction of the oxidation-reduction indicator resazurin.

* * *

CULTURE TUBE FOR THE SEPARATION OF ANAEROBIC BACTERIA—E. M. Stapert, W. N. DeWolff, and W. T. Sokolski. *Amer. J. Clin. Path.*—Vol. 37:667 (June) 1962.

The principal features of the new anaerobic culture tube are a capillary opening at the top of the tube (which limits the diffusion of oxygen into the fluid thioglycollate medium) and a protected stopcock at the bottom of the tube (from which the bottom portion of the culture can be withdrawn). This tube has been particularly useful in separating anaerobic bacteria from fast-growing and spreading aerobic bacteria.

* * *

METHOD OF FILING TEACHING SLIDES—D. M. Baer. *Amer. J. Clin. Path.*—Vol. 37:642 (June) 1962.

Microscope slides with teaching value may be filed in an ordinary 3 by 5 inch card file using 5 by 8 inch index cards which have been folded and stapled. Advantages are:

Clinical data are written on the card, cards are inexpensive, the diagnosis need not be written on the slide, the odd-size slides are accommodated, and the file is readily expandable.

* * *

ROLE OF PLATELET IN FIBRINOLYSIS: A SENSITIVE TEST FOR FIBRINOLYTIC ACTIVITY—W. O. Reid, A. V. Somlyo, A. P. Somlyo, and R. P. Custer. *Amer. J. Clin. Path.*—Vol. 37:561 (June) 1962.

A sensitive assay of spontaneous fibrinolytic activity, the standardized serial thrombin time (STT), is described. Of 40 cases with thrombocytopenia, increased fibrinolysis was present in all 20 patients with active bleeding. In non-hemorrhagic thrombocytopenia, fibrinolysis was normal (11 cases) or decreased (nine cases). Good correlation was found between STT elevation and severity of bleeding. Post-mortem fibrinolysis was absent in five cases of severe thrombocytopenia. It is suggested that (1) fibrinolysis plays a major role in thrombocytopenic bleeding, and (2) platelets contain a plasminogen activator in addition to anti-plasmin.

* * *

WHITE SLIDE DOTS: A TIME SAVING METHOD—J. W. Grayson, Jr. *Amer. J. Clin. Path.*—Vol. 37:644 (June) 1962.

White ink was substituted for black India ink as a dotting medium for cytologic and histologic slides. This technique greatly facilitates the location of areas of interest against the usual black background of the microscope.

* * *

USE OF INDICATOR CALCEIN, ITS FLUORESCENCE, IN RAPID ULTRAMICROTITRATION OF SERUM CALCIUM—C. S. Klass. *Amer. J. Clin. Path.*—Vol. 37:655 (June) 1962.

An ultramicrotechnique for the determination of serum calcium was developed. Ultraviolet illumination in the 3,660 Å. range, an ultramicrotiterator, and the indicator calcein,

(Continued on Page 31)

MORE URINE

INCREASED WEIGHT LOSS

Naturetin has greater diuretic action¹⁻³ than either chlorothiazide or hydrochlorothiazide. A trial with Naturetin demonstrates the increased urine volume and the greater weight loss it provides.

Moreover, the diuretic effect of Naturetin is controlled, sustained and gradual, a sharp contrast to the distressingly abrupt initial diuresis characteristic of shorter acting diuretics. Naturetin maintains a favorable urinary sodium-potassium excretion ratio.²

AVAILABLE: Naturetin 5 mg. and 2.5 mg. tablets. **ALSO AVAILABLE:** Naturetin c K (Squibb Bendroflumethiazide 5 mg. and 2.5 mg. capsule-shaped tablets, each with 500 mg. Potassium Chloride), for use when disease or concomitant therapy increases the risk of hypokalemia. For full information, see your Squibb Product Reference or Product Brief.

1. Ford, R. V.: *Clin. Res. Notes* 2:1 (Dec.) 1959. 2. Ford, R. V.: *Cur. Therap. Res.* 2:92 (Mar.) 1960. 3. Elliott, J. P., Jr., and Goldman, A. M.: *South. M.J.* 54:794 (July) 1961.

Naturetin—the diuretic with specific difference

SQUIBB BENDROFLUMETHIAZIDE

SQUIBB



Squibb Quality—the Priceless Ingredient

SQUIBB DIVISION **Olin**